# APPENDIX B

Patent Claims

1. Process for producing formed cellulosic articles, particularly fibres and filaments, comprising

a) dissolving cellulose in an aqueous solution of a tertiary amine oxide, especially N-methylmorpholine N-oxide, and

b) extruding the cellulose solution through an extrusion die via an air gap into a precipitation bath with precipitation of the formed articles, said cellulose solution and/or said precipitation bath containing a tenside,

characterized in that in the step b) the tenside content c of the cellulose solution and/or of the precipitation bath is in the range $100 \text{ ppm} > c \geq 5 \text{ ppm}$, and the width of the air gap is in the range from 2 to 20 mm.

2. Process according to claim 1 characterized in that the tenside content c is in the range from 8 to 70 ppm.

3. Process according to claim 1 or 2 characterized in that the tenside content c in the cellulose solution is in the range $70 \text{ ppm} > c \geq 30 \text{ ppm}$.

4. Process according to any of the claims 1 to 3 characterized in that the width of the air gap is in the range from 2 to 8 mm.

5. Process according to any of the claims 1 to 4 characterized in that the distance of the solution jets from each other at the exit of the extrusion die is in the range from 0.22 to 0.7 mm.

6. Process according to any of the claims 1 to 5 characterized in that the tenside is added before the stage a) to the cellulose or in the stage a) or between the stages a) and b).

7. Process according to any of the claims 1 to 5 characterized in that the tenside is added in or after the stage b).

8. Process according to any of the claims 1 to 7 characterized in that a non-ionogenic tenside is used.

9. Process according to any of the claims 1 to 8 characterized in that the precipitation bath from the stage b) is regenerated to a purified aqueous amine oxide which is reused in the stage a).

10. Process according to claim 9 characterized in that the tenside is separated from the amine oxide solution in the course of the regeneration of the precipitation bath, and is reused in the stage b).

11. Process according to any of the claims 1 to 10 characterized in that the cellulose solution is extruded through a die having a hole density in the range from 1.8 to 20 $mm^{-2}$.